

Joint Service Lightweight Nuclear Biological Chemical Reconnaissance System (JSLNBCRS)



MISSION

Provide field unit commanders with real-time point and standoff intelligence for real-time field assessment of nuclear, biological, and chemical (NBC) hazards.

DESCRIPTION AND SPECIFICATIONS

The Joint Service Lightweight Nuclear Biological Chemical Reconnaissance System (JSLNBCRS) is an NBC detection and identification system. It will consist of a base vehicle equipped with hand-held, portable and mounted, current, and advanced NBC detection and identification equipment (both government-furnished equipment, non-developmental item, and parallel development). The vehicle will be equipped with collective protection, an overpressure system, environmental control system, auxiliary power supply system, navigation system, meteorological data processing system, internal and external communication system, and surface samplers. There will be two variants of the JSLNBCRS: the High Mobility Multipurpose Wheeled Vehicle (HMMWV) and the Light Armored Vehicle (LAV).

The JSLNBCRS will provide on-the-move reconnaissance and surveillance in support of combat, combat support, and combat service support forces. The JSLNBCRS will provide accurate and rapid NBC intelligence by detecting, sampling, identifying, marking, and reporting the presence of NBC hazards within the unit's area of responsibility.

FOREIGN COUNTERPART

China: NBC reconnaissance vehicle; Russia: BRDM-ZRKH, MTLB, RKHM, UAZ-469RKH; Germany: ABC Reconnaissance System.

FOREIGN MILITARY SALES

None

PROGRAM STATUS

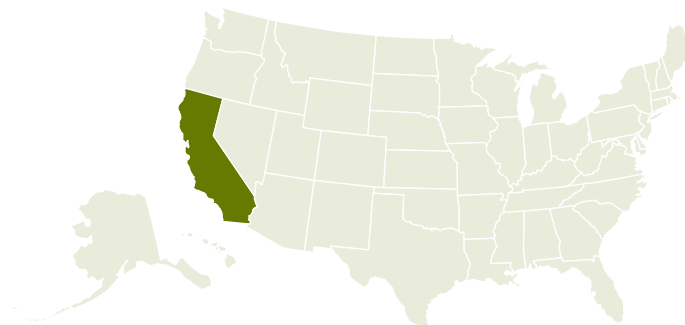
- **4QFY98** Awarded integration contract for prototype development and integration.
- **FY99** Initiated concept exploration and program definition and risk reduction phases.

PROJECTED ACTIVITIES

- **FY01–02** HMMWV/LAV variants continue engineering, manufacturing and development.
- **4QFY01** Developmental testing II/limited usability testing HMMWV.
- **1QFY02** Low rate initial production contract award HMMWV.
- **2QFY03** HMMWV/LAV initial operational test and evaluation.
- **3QFY03** Award full production contract.
- **4QFY03** HMMWV Variant initial operational capability.

PRIME CONTRACTORS

TRW (Dominguez Hills, CA)



* See appendix for list of subcontractors

